



# Cal OES

## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, July 19

9:00 AM PDT



**Day 1 (Tuesday):** Critical fire weather conditions are expected again this afternoon in Modoc and eastern Siskiyou Counties due to gusty winds and very dry relative humidity. Hot temperatures will also persist for much of interior California today, with moderate to locally high heat risk impacts possible.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Tuesday, July 19

	Tue, Jul 19	Wed, Jul 20	Thu, Jul 21	Fri, Jul 22	Sat, Jul 23	Sun, Jul 24	Mon, Jul 25			
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
<b>Thunderstorms</b> Wind / Hail / Tornadoes	Inland/Southern (Mainly Central Sierra)									
<b>Heat</b>	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
<b>Cold</b>										
<b>River Flooding</b>										
<b>Wind</b>	Inland/Southern	Inland/Southern								
<b>Heavy Rain</b> Flash Flooding / Debris Flow										
<b>Snow</b>										
<b>Coastal Flooding</b>										
<b>Risk Levels</b>	Little to None		Minor		Moderate		Major		Extreme	



# Weather Key Points

Regional Operations Center

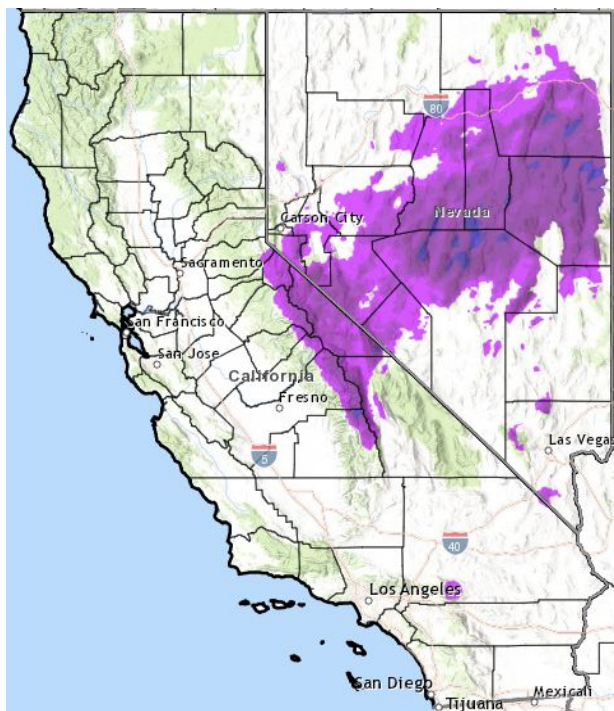
Western Region

Tuesday, July 19

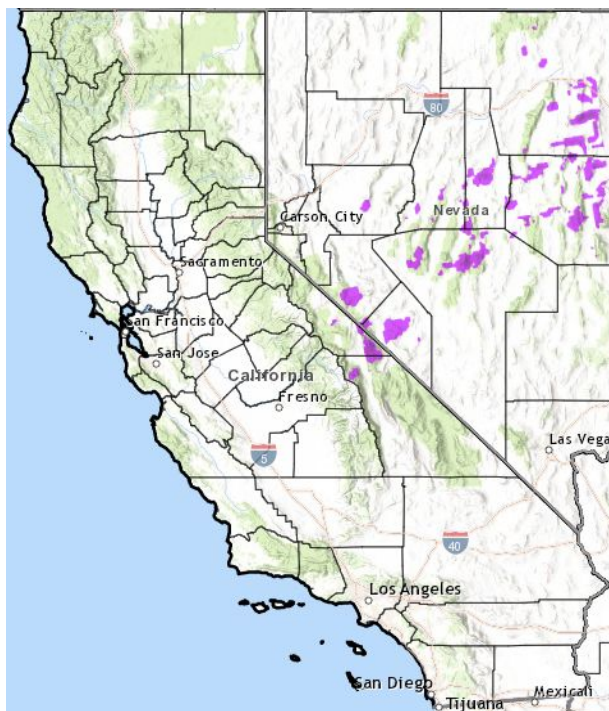
- Elevated fire weather conditions will again be present, with afternoon and evening breezy winds in and around the mountains, foothills, and southern deserts each day this week
  - Very dry humidity values and stronger winds (with gusts of 30-40 mph) will again produce critical fire weather conditions in Modoc and eastern Siskiyou County on Tuesday
- Seasonably hot mid-July temperatures will continue for much of inland California through the first half of the week, with a cooling trend expected for the latter half of the week
  - Moderate to locally high heat risk impacts will persist each afternoon through early week, gradually becoming confined to mainly southern California by late week
  - High temperatures each afternoon will reach 95-105°F across much of the Central Valley (locally up to 110°F in portions of the San Joaquin Valley through Monday), with readings of 105-115°F common for the southern deserts
- Monsoon showers and thunderstorms are expected to be limited to the central Sierra Nevada Tuesday
  - Widespread impacts from any storms are not expected, though locally heavy rainfall and gusty winds are possible where storms develop



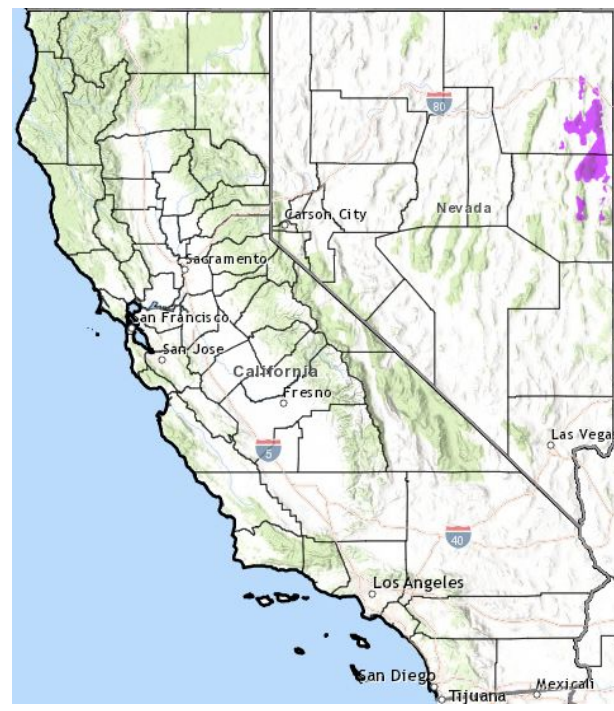
# Precipitation Forecast



**Tuesday**



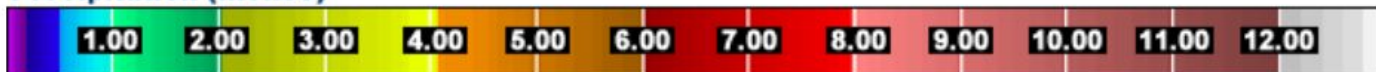
**Wednesday**



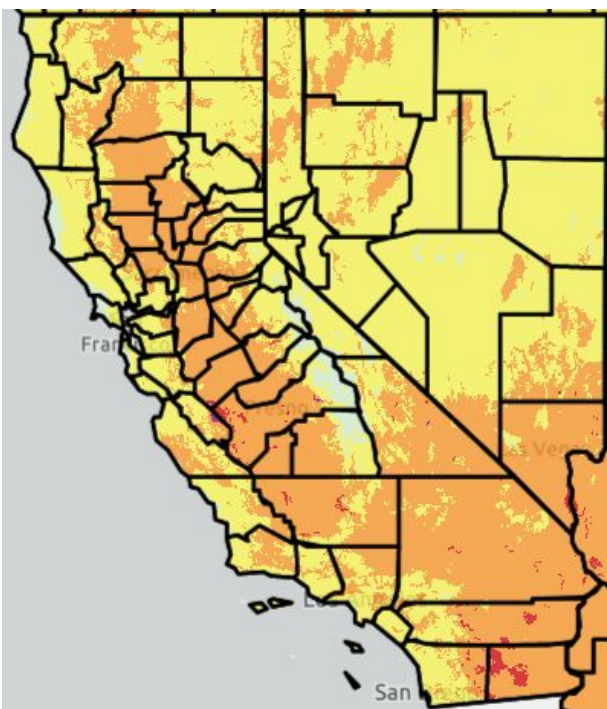
**Thursday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

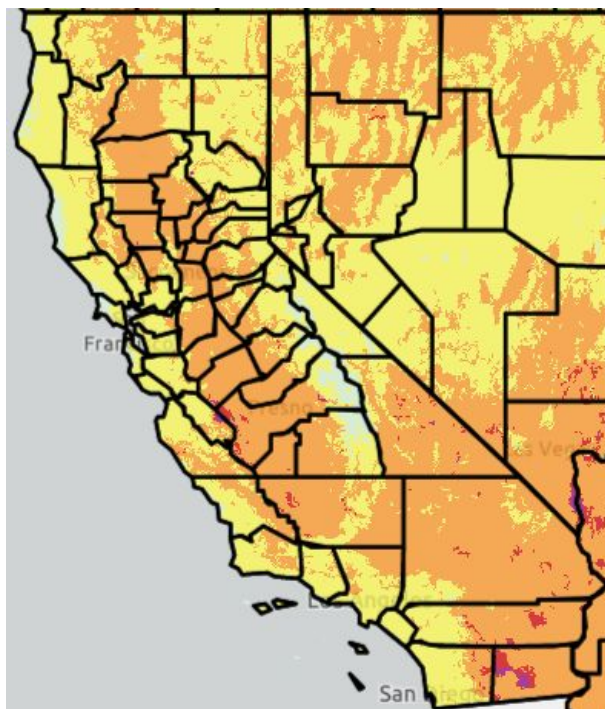
**Precipitation (inches)**



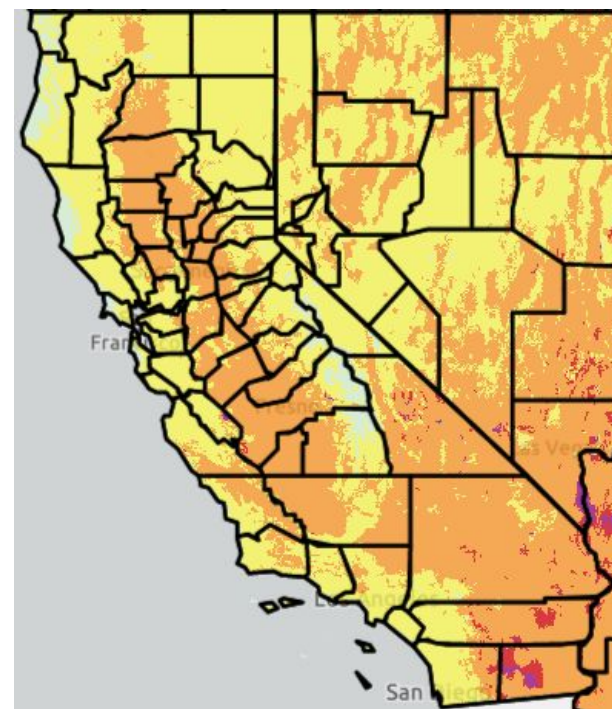
# Heat Risk



**Tuesday**



**Wednesday**



**Thursday**

Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight





# Weather Outlook (6-14 Days)

Regional Operations Center

Western Region

Tuesday, July 19

## **6-10 Day Outlook (July 24 – July 28)**

### **Temperatures**

- Above normal temperatures are favored across much of California, with greatest likelihood for above normal temperatures across northeast portions of the state

### **Precipitation**

- Below normal precipitation is favored across far northern California, with near normal precipitation favored for the remainder of the state, except for the southern Sierra Nevada, along the southern Nevada border, and far southeast California where above normal precipitation is favored (near the Arizona border)

## **8-14 Day Outlook (July 26 – August 1)**

### **Temperatures**

- Above normal temperatures are favored across California, with the greatest likelihood for above normal temperatures across northeast portions of the state

### **Precipitation**

- Near normal precipitation is favored for northern California, with above normal precipitation favored in the southern central valley areas, central and southern Sierra Nevada, and across southeast California (along the Nevada and Arizona borders)



# Risk Assessment Matrix

Regional Operations Center

Western Region

Tuesday, July 19

## Impact Level Definition

1. **Impactful weather is not expected.**
2. **Potential threat to lives and property if no/incorrect actions are taken.**
  - a. Localized impacts on commerce possible.
  - b. Includes events that occur frequently.
3. **Potential threat to lives and property if no/incorrect actions are taken.**
  - a. Impacts on commerce possible.
  - b. Includes events that occur a few times per year.
4. **Actions likely needed to save lives and/or property.**
  - a. Significant impacts to commerce possible.
  - b. Includes events that occur infrequently.
5. **Actions required to save lives and/or property.**
  - a. Significant and extended impacts to commerce.
  - b. Includes exceptionally rare events.

